

**AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph [0008] with the following amended paragraph:

**[0008]** The drainage system of the present invention eliminates positive pressure in the branch piping of the drainage system which eliminates the possibility of water being blown from traps through the fixtures attached to the branch piping. One (1) embodiment of the drainage system also relieves negative pressure in the branch piping. Negative pressure in a drainage system can drain the liquid out of the traps for the fixtures connected to the branch piping rendering the traps ineffective in stopping the escape of sewer gases through the fixtures. The positive pressure in the drainage system of the present invention can be caused by waste moving at a high rate of speed down the stack. Such a high rate of speed is achieved in the system where the stack of the system has a height of at least 480 inches ~~feet~~ (12191mm) between the entrance of the waste and the main drain of the system. The high rate of speed is also achieved ~~achieved~~ where the waste is introduced into the system at a high rate of speed such as by a high velocity drainage pump. The connection of the stack at a 90° angle to the main drain also helps to trap gases in the stack.

Please replace the paragraph [0009] with the following amended paragraph:

**[0009]** The drainage system of the present invention includes a stack, a branch piping and a relief vent. The drainage system can also include an air admittance valve ~~value~~ to eliminate negative pressure in the drainage system. A fixture with a trap is connected to the branch piping. The relief vent is connected to the branch piping between the stack and the trap of the fixture such that the inner passageway of the relief vent is in fluid communication with the inner passageway of the branch piping. If the branch piping has more than one fixture, then the relief vent is connected to the branch piping between the stack and the first trap, closest to the stack. The relief vent is a unidirectional vent which opens automatically upon the application of positive pressure at the first end of the passageway of the flexible vent member. The relief vent closes automatically when the pressure is reduced. In one (1) embodiment, the relief vent closes automatically when the pressure at the first end of the passageway is less than or equal to atmospheric pressure. In one (1) embodiment, the relief vent includes an elastomeric, flexible vent member which uncurls and separates to form the passageway to allow the trapped gas

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to escape the branch piping. The flexible vent member is positioned within a cover having a body and a cap. The sidewall of the cover has openings to allow the gas escaping the branch ~~branching~~ piping through ~~thru~~ the flexible vent member to exit the cover into the surrounding air. The relief vent is mounted at a high point on the branch piping to allow the drains of fixtures to back up into the fixtures during a blockage rather than attempting to exit the drainage system thru the relief vent. The relief vent is connected to the branch piping by a connector. In the drainage system also having the air admittance valve, the relief vent and the air admittance valve can be connected to the branch piping at the same point using a Y-connector. The air admittance valve is in fluid communication with the branch piping and is connected to the branch piping before the trap of the first fixture. The air admittance valve is structurally ~~structionally~~ similar and operates similarly to air admittance valves well known ~~know~~ in the art. The air admittance valve opens upon the application of negative pressure at the first end of the inner passageway connected to the branch piping. The air admittance valve opens to allow air to enter the air admittance valve and the drainage system. The air admittance valve closes automatically once the pressure in

the branch piping adjacent the first end of the air admittance valve is greater than or equal to the atmospheric pressure.

Please replace the paragraph [0019] with the following amended paragraph:

**[0019]** The drainage system 10 of the present invention includes a stack 12, branch piping 14, a relief vent 16 and optionally an air admittance valve 30. The stack 12 has opposed ends and is connected at the second or bottom end to the main drain 100 (Figure 1). In one (1) embodiment, the stack 12 is connected to the main drain 100 at a 90° angle. The stack 12 can be a waste stack 12 or a soil or sewer stack (not shown). In one (1) embodiment, the system 10 includes both a waste stack 12 and a soil stack. The branch pipe or piping ~~pipings~~ 14 (one shown) are connected to the stack 12 between the ends of the stack 12. In one (1) embodiment, where the drainage system 10 is incorporated into a multi-story structure, each floor of the structure is provided with a branch piping 14. Each branch piping 14 has at least one fixture 102 connected thereto. The fixtures 102 can be bathroom or kitchen fixtures such as sinks, bathtubs, toilets, etc. A trap 104 is provided between the branch piping 14 and each one of the fixtures 102 to prevent sewer gases from escaping from

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the drainage system 10 through ~~then~~ the fixture 102.